

Heraeus 384-WCG
100727-27
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STATUS OF THE CLAIMS

Claim 1 (currently amended)

1. A dental impression or doubling composition, comprising
 - A) alkoxy-silyl-functional polyethers with linear or branched main chains with an average molecular weight (Mn) of 800 to 20,000, containing 20 to 95 percent of polyether groups and 0.2 to 25 percent of $\text{SiR}^1\text{R}^2\text{R}^3$ alkoxy-silyl groups, in which R^1 , R^2 and R^3 , independently of one another, are hydrogen, alkyl or alkoxy, and ~~0 to 10 percent of urethane groups or 0 to 10 percent of urea groups,~~
wherein component A) is free of urethane groups;
and
 - B) a mixture, containing water and organic acids, inorganic acids or both in a ratio by weight of 1 : 0.01 to 1 : 40.

Claim 2 (original)

2. The dental impression or doubling composition of claim 1, wherein component A) has a branched main chain.

Claim 3 (cancelled)

Claim 4 (original)

4. The dental impression or doubling composition of claim 1, wherein component A) has an average molecular weight (Mn) of 1500 to 15000.

Claim 5 (original)

5. The dental impression or doubling composition of claim 1, wherein component A contains 2 to 15% $\text{-SiR}^1\text{R}^2\text{R}^3$ alkoxy-silyl groups.

Claim 6 (original)

6. The dental impression or doubling composition of claim 1, wherein components A) and B) are offered in tubes, tubular bags or double cartridges.

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Claim 7 (new)

7. A method for preparing a dental restoration which comprises preparing said dental restoration with a dental impression or doubling composition comprising
- A) alkoxysilyl-functional polyethers with linear or branched main chains with an average molecular weight (M_n) of 800 to 20,000, containing 20 to 95 percent of polyether groups and 0.2 to 25 percent of $\text{SiR}^1\text{R}^2\text{R}^3$ alkoxysilyl groups, in which R^1 , R^2 and R^3 , independently of one another, are hydrogen, alkyl or alkoxy, and 0 to 10 percent of urea groups, wherein component A) is free of urethane groups; and
- B) a mixture, containing water and organic acids, inorganic acids or both in a ratio by weight of 1 : 0.01 to 1 : 40.